


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 0790 Accredited to ISO/IEC 17025:2005	Phoenix Calibration & Services Ltd	
	Issue No: 013	Issue date: 24 January 2012
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Calibration performed by the Organisations at the locations specified below

Locations covered by the organisation and their relevant activities

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Customers' sites or premises The customer's sites or premises must be suitable for the nature of the particular calibrations undertaken and will be subject of contract review arrangements between the laboratory and the customer	Force	S



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DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k = 2$)	Remarks	Location Code
FORCE UNIVERSAL MATERIALS TESTING MACHINES				S
Verification and calibration of the force measuring system by force proving instruments in tension	0.1 kN to 500 kN for Class 0.5, 1, 2 and 3 machines to BS EN ISO 7500-1:2004	0.22 %		
	0.05 kN to 2 MN for Class 1, 2 and 3 machines to BS EN ISO 7500-1:2004	0.30 %		
Verification and calibration of the force measuring system by force proving instruments in compression	0.1 kN to 500 kN for Class 0.5, 1, 2 and 3 machines to BS EN ISO 7500-1:2004	0.22 %		
	0.05 kN to 2 MN for Class 1, 2 and 3 machines to BS EN ISO 7500-1:2004	0.30 %		
Verification and calibration of the force measuring system by calibrated masses in tension	0.05 N to 270 N for Class 0.5, 1, 2 and 3 machines to BS EN ISO 7500-1:2004	0.10 %		
Verification and calibration of the force measuring system by calibrated masses in compression	0.05 N to 270 N for Class 0.5, 1, 2 and 3 machines to BS EN ISO 7500-1:2004	0.10 %		
CREEP TESTING MACHINES				S
Verification of the applied load using force proving instruments	0.1 kN to 500 kN for Class 0.5, 1.0 and 2.0 machines to BS EN ISO 7500-2:12006	0.22 %		
	0.05 kN to 500 kN for Class 1, 2 and 3 machines to BS EN ISO 7500-2:12006	0.30 %		
Verification of the applied load using masses	0.05 N to 270 N for Class 0.5, 1.0 and 2.0 machines to BS EN ISO 7500-2:2006	0.10 %		



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Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k = 2$)	Remarks	Location Code
<p>LENGTH</p> <p>Extensometers</p>	<p>As BS EN ISO 9513:2002 for the following classes and gauge lengths:</p> <p>Class 0.2 from 25mm Class 0.5 from 10 mm Class 1 from 5 mm Class 2 from 5 mm</p> <p>Displacements 0.02 mm to 5 mm</p> <p>As ASTM:E83-10 for the following classes and gauge lengths:</p> <p>B-1 from 20 mm B-2 from 10mm C from 5 mm</p> <p>Displacements 0.02 mm to 5 mm</p>	<p>0.06 $\mu\text{m} +$ (1.2 μm per mm)</p>		S
<p>Cross head and actuator displacement</p>	<p>0.02 mm to 50 mm 50 mm to 100 mm</p>	<p>0.011 mm 0.020 mm</p>		
END				